



**California Environmental Protection Agency
Department of Toxic Substances Control**

**HAZARDOUS WASTE FACILITY PERMIT
DRAFT**

Facility Name:

Rho-Chem, LLC
425 Isis Avenue
Inglewood, California 90301

Owner Name:

Rho-Chem, LLC
5151 San Felipe, Suite 1600
Houston, Texas 77056

Operator Name:

Rho-Chem, LLC
425 Isis Avenue
Inglewood, California 90301

Facility EPA ID Number:

CAD008364432

Effective Date:

Expiration Date:

Pursuant to California Health and Safety Code section 25200, this Resource Conservation and Recovery Act (RCRA)-equivalent Hazardous Waste Facility Permit is hereby issued to Rho-Chem, LLC.

The Issuance of this Permit is subject to the terms and conditions set forth in Attachment A and the Part "B" Application (Operation Plan) dated March 28, 2008. The Attachment A consists of 32 pages including Figures 1 and 2.

Raymond Leclerc, P.E., Leader
Permit Renewal Team
Hazardous Waste Management Program
Department of Toxic Substances Control

Date: DRAFT

RHO-CHEM, LLC
425 ISIS AVENUE,
INGLEWOOD, CALIFORNIA 90301
EPA ID Number: CAD 008354432

HAZARDOUS WASTE FACILITY PERMIT

ATTACHMENT "A"

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PART I. DEFINITIONS

All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, division 20, chapter 6.5 and California Code of Regulations, title 22, division 4.5, unless expressly provided otherwise by this Permit.

1. **“DTSC”** as used in this Permit means the California Department of Toxic Substances Control.
2. **“Facility”** as used in this Permit means all contiguous land and structures, other appurtenances, and improvements on the land used for the treatment, transfer, storage resource recovery, disposal or recycling of hazardous waste. A hazardous waste facility may consist of one or more treatment, transfer, storage, resource recovery, disposal or recycling operational units or combinations of these units.

For the purpose of implementing corrective action under California Code of Regulations, title 22, division 4.5, a hazardous waste facility includes all contiguous property under the control of the owner or operator required to implement corrective action.

3. **“Permittee”** as used in this Permit means the Owner and Operator.
4. **“RCRA”** as used in this Permit means the Resource Conservation and Recovery Act (42 U.S.C. §6901 et seq.).
5. **“RCRA hazardous waste”** or **“RCRA waste”** as used in this Permit has the same definition as in Health and Safety Code section 25120.2.
6. **“Non-RCRA hazardous waste”** or **“Non-RCRA waste”** as used in this Permit has the same definition as in Health and Safety Code section 25117.9.

PART II. DESCRIPTION OF THE FACILITY AND OWNERSHIP

1. OWNER OF FACILITY

Rho-Chem, LLC
5151 San Felipe, Suite 1600
Houston, Texas 77056

2. OWNER OF REAL PROPERTY

Rho-Chem, LLC
5151 San Felipe, Suite 1600
Houston, Texas 77056

3. OPERATOR OF FACILITY

Rho-Chem, LLC
425 Isis Avenue
Inglewood, California 90301

4. LOCATION

This hazardous waste management facility is located at 425 Isis Avenue, Inglewood, Los Angeles County, California 90301 (Facility). The Facility is located west of Isis Avenue, south of Manchester Boulevard, east of Aviation Boulevard, and north of Hillcrest Boulevard. The Facility is situated on approximately 1.1 acres of land in an urban, industrial area, one mile north-northeast of Los Angeles International Airport and four miles east of the Santa Monica Bay. The Los Angeles County assessor's parcel numbers that describe the Facility location are 4126-003-020 and 4216-003-017. Figure 1 shows the Facility location and surrounding topography, and Figure 2 shows the Facility layout.

5. DESCRIPTION OF FACILITY OPERATIONS

The Permittee provides services that include hazardous waste transfer, storage, consolidation, laboratory packing/de-packing, liquid fuel blending, solvent recycling, and solvent distribution. The Permittee is also a registered hazardous waste transporter.

The Permittee also operates a hazardous waste transfer facility at 8722 Aviation Boulevard. The transfer facility is not within the boundary of the Facility and is not part of this permit.

6. FACILITY HISTORY

On November 14, 1980, the Permittee filed a Part A Permit Application and was granted an Interim Status Document (ISD) by the California Department of Health Services (DHS), predecessor to DTSC, in April 6, 1981. On December 30, 1983, DHS issued a hazardous waste facility permit, permit number CAD 008364432, to the Permittee. On September 28, 1990, DTSC issued a RCRA-equivalent Hazardous Waste Facility Permit, number 90-3-TS-002, to the Permittee. The Permittee submitted a revised permit renewal application to DTSC on March 29, 1995. The Permittee subsequently made several revisions of Operation Plan (Part B permit application) to address DTSC's comments and changes to the facility. On January 7, 2008, the Permittee notified DTSC that its name would be changed from Rho-Chem Corporation to Rho-Chem, LLC, effective April 2008. The most recent version of the Operation Plan is dated March 28, 2008.

7. FACILITY SIZE AND TYPE FOR FEE PURPOSES

The Facility is categorized as a Large Storage Facility pursuant to Health and Safety Code, section 25205.1 and for purposes of Health and Safety Code sections 25205.2 and 25205.19.

PART III. GENERAL CONDITIONS

1. PERMIT APPLICATION DOCUMENTS

The Part "A" Application, dated March 28, 2008, and the Part "B" Application (Operation Plan), dated March 28, 2008, are hereby approved by DTSC and made a part of this Permit by reference.

2. EFFECT OF PERMIT

- (a) The Permittee shall comply with the terms and conditions of this Permit and the provisions of the Health and Safety Code and California Code of Regulations (Cal. Code Regs.), title 22, division 4.5. The issuance of this Permit by DTSC does not release the Permittee from any liability or duty imposed by federal or state statutes or regulations or local ordinances, except the obligation to obtain this Permit. The Permittee shall obtain the permits required by other governmental agencies, including but not limited to, those required by the applicable land use planning, zoning, hazardous waste, air quality, water quality, and solid waste management laws for the construction and/or operation of the Facility.
- (b) The Permittee is permitted to treat and store hazardous wastes in accordance with the terms and conditions of this Permit. Any management of hazardous wastes not specifically authorized in this Permit is strictly prohibited.
- (c) Compliance with the terms and conditions of this Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including, but not limited to, one brought for any imminent and substantial endangerment to human health or the environment.
- (d) DTSC's issuance of this Permit does not prevent DTSC from adopting or amending regulations that impose additional or more stringent requirements than those in existence at the time this Permit is issued and does not prevent the enforcement of these requirements against the Permittee.
- (e) Failure to comply with any term or condition set forth in the Permit in the time or manner specified herein will subject the Permittee to possible enforcement action including but not limited to penalties pursuant to Health and Safety Code section 25187.

- (f) Failure to submit any information required in connection with the Permit, or falsification and/or misrepresentation of any submitted information, is grounds for revocation of this Permit (Cal. Code Regs., title 22, §66270.43).
- (g) In case of conflicts between the Operation Plan and the Permit, the Permit conditions take precedence.
- (h) This Permit includes and incorporates by reference any conditions of waste discharge requirements issued to the Facility by the State Water Resources Control Board or any of the California Regional Water Quality Control Boards and any conditions imposed pursuant to section 13227 of the Water Code.

3. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

A Negative Declaration has been prepared in accordance with the requirements of Public Resources Code Section 21000 et seq. and the CEQA Guidelines, Section 15070 et seq. of Title 14, California Code of Regulations.

4. ENVIRONMENTAL MONITORING

The Permittee shall comply with the applicable environmental monitoring and response program requirements of California Code of Regulations, title 22, division 4.5, chapter 14, articles 6 and 17.

5. ANNUAL HAZARDOUS WASTE REDUCTION AND WASTE MINIMIZATION CERTIFICATION

The Permittee shall certify annually that it has a hazardous waste reduction and minimization program and method in place and shall keep the annual certification as part of its Operating Record in accordance with California Code of Regulations, title 22, section 66264.73(b)(9).

6. ACCESS

- (a) DTSC, its contractors, employees, agents, and/or any United State Environmental Protection Agency representatives are authorized to enter and freely move about the Facility for the purposes of interviewing Facility personnel and contractors; inspecting records, operating logs, and contracts relating to the Facility; reviewing progress of the Permittee in carrying out the terms of Part VI of the Permit; conducting such testing, sampling, or monitoring as DTSC deems necessary; using a camera, sound recording, or other documentary-type equipment; verifying the reports and data submitted to DTSC by the Permittee; or confirming any

other aspect of compliance with this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5. The Permittee shall provide DTSC and its representatives access at all reasonable times to the Facility and any other property to which access is required for implementation of any provision of this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5, and shall allow such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to the entire Permit or undertake any other activity necessary to determine compliance with applicable requirements.

- (b) Nothing in this Permit shall limit or otherwise affect DTSC's right to access and entry pursuant to any applicable State or federal laws and regulations.

PART IV. PERMITTED UNITS AND ACTIVITIES

This Permit authorizes operation only of the facility units and activities listed below. Any modifications to a unit or activity authorized by this Permit require the written approval of DTSC in accordance with the permit modification procedures set forth in California Code of Regulations, title 22, division 4.5.

This Permit authorizes operation of eight existing hazardous waste management units and one proposed container (roll-off bin) storage unit. These units include four existing container storage/treatment units (Areas A, F, G, and J), one existing tank storage/treatment unit, three existing treatment units, and one proposed container storage unit (Area H).

A small portion of the area (see Figure 2) towards southwest corner of the Facility is authorized for temporary storage for up to two weeks of the Universal Waste such as e-waste and fluorescent lights. Empty containers which meet the standards of California Code of Regulations, title 22, section 66261.7(b) may also be stored for up to two weeks immediately adjacent to the storage of the Universal Waste.

1. UNIT NAME: Area A, Drum Yard

LOCATION: Area A is located north of the main office building in an area known as "Drum Yard". A drum crusher is located in the southwestern corner of Area A (see Figure 2).

ACTIVITY TYPE: storage and treatment of hazardous waste in containers (including waste transfer, storage, consolidation, solidification, and container crushing).

ACTIVITY DESCRIPTION: Area A is divided into five sub-areas, A-1 through A-5, based on specific operation activities. The operation activities in Area A include:

- (a) Container storage in Area A-1: Hazardous wastes are stored in 55-gallon or smaller containers that meet the applicable U.S. Department of Transportation (DOT) regulations for packaging hazardous wastes for transportation.
- (b) Waste consolidation/size reduction in Area A-2: Compatible hazardous wastes are repackaged into other 55-gallon or smaller containers.
- (c) Waste solidification in Area A-3: Solidification materials are added into 55-gallon or smaller containers filled with hazardous wastes suitable for stabilization and landfill.
- (d) Container crushing in Area A-4: Damaged or excess containers are cleaned, drained, emptied, and compacted in the drum crusher.
- (e) Waste transfer in Area A-5: Hazardous wastes are transferred by pumping

and piping from containers in this area or tanker truck adjacent to this area to ten storage and/or treatment tanks (Tank Nos. 33, 34, 35, 36, 37, 38, 39, 40, 41, and/or 42) in Area B or to the feeding tank (Tank Nos. 30, 31) in Area E.

- (f) Roll-off bin storage activities: The Permittee is authorized to continue to store solid hazardous wastes in the roll-off bin in Area A until the completion of operation of the proposed Area H.

PHYSICAL DESCRIPTION: Area A is an outside storage and treatment area.

The impermeable coated concrete floor is used for the secondary containment system for Area A. The floor is sloped to a blind sump at the northeast corner of Area A to contain spills and precipitation. The floor is surrounded on the north by a 12 inches high wall, on the south by a six feet high wall sharing with Area B, on the east side towards Isis Avenue by a 10 feet high wall topped with chain-link, and west side by a 10 inches high Roll Over Berm. Area A is approximately 2,567 square feet ("ft²", 119-feet by 22.75-feet removing the ramp area of 140 ft²). Area A is divided into five sub-areas and an access area.

- (a) Area A-1 has an area of approximately 1,143 ft² (50.25' x 22.75').
- (b) Area A-2 has an area of approximately 525 ft² (35' X 15').
- (c) Area A-3 has an area of approximately 300 ft² (20'X15').
- (d) Area A-4 has an area of approximately 140 ft² (14' X 10').
- (e) Area A-5 has an area of approximately 300 ft² (20'X15').

The remaining 159 ft² is consists of access ways for forklift and drum dolly into and out of the sub-areas.

MAXIMUM CAPACITY:

The maximum storage capacity in Area A-1 is 19,360 gallons (352 55-gallon containers).

The maximum waste consolidation treatment capacity in Area A-2 is 272 55-gallon containers (14,960 gallons) per day.

The maximum waste solidification treatment capacity in Area A-3 is 272 55-gallon containers (14,960 gallons) per day.

The maximum container crushing treatment capacity in Area A-4 is 109 55-gallon containers (5,995 gallon) per day.

The maximum waste pumping treatment capacity in Area A-5 is 18,000 gallons per day.

WASTE TYPE:

Hazardous wastes that are stored, consolidated, solidified, and crushed in containers include non-flammable solvent-like halogenated wastes, corrosive aqueous wastes, and waste-containing oils.

RCRA WASTE CODES:

- (a) The RCRA Waste Codes listed in Table 2 are authorized for compatible

hazardous waste transfer, storage, and consolidation in containers at designated locations in Area A.

- (b) The RCRA Waste Codes, D004, D005, D006, D007, D008, D009, D010, and D011, are authorized for solidification in containers at designated locations in Area A-3.

CALIFORNIA WASTE CODES:

- (a) The California Waste Codes listed in Table 2 are authorized for hazardous wastes transfer, storage, and consolidation in containers at designated locations in Area A.
- (b) The following California Waste Codes are authorized for solidification at designated locations in Area A: 141, 171, 172, 181, 222, 271, 272, 291, 512, 513, 521, 561

UNIT SPECIFIC SPECIAL CONDITIONS:

- (a) Ignitable hazardous waste is not allowed in Area A.
- (b) The Permittee shall conduct container consolidation only in Area A-2.
- (c) The Permittee shall conduct container solidification only in Area A-3.
- (d) The Permittee shall conduct container crushing only in Area A-4.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, Articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

2. UNIT NAME: Area B, Tank Farm

LOCATION: Area B is located in an area known as the Tank Farm, which is north of the main office building (see Figure 2).

ACTIVITY TYPE: storage and treatment of hazardous waste in tanks

ACTIVITY DESCRIPTION: The activities in Area B include:

- (a) Waste storage in tanks: Six above-ground storage tanks (Tanks No. 33,

- 36, 37, 40, 41 and 42) are used to store hazardous solvent wastes.
- (b) Fuel blending in tanks: Four tanks are top-equipped with mixers (Tanks No. 34, 35, 38 and 39) and are used for storing and blending of flammable hazardous wastes which are later shipped to other facilities as fuels for burning or incineration.
 - (c) Waste transfer activities: Solvent wastes are stored and/or treated in ten tanks (Tank Nos. 33, 34, 35, 36, 37, 38, 39, 40, 41, and 42) in Area B. Waste is received from containers in Area A or tanker truck adjacent to Area A by pumping and piping processes. Waste stored in tanks and/or treated wastes is pumped into the feeding tanks (Tank Nos. 30, 31) for solvent recycling processes in Area C or Area E.

PHYSICAL DESCRIPTION: Ten above-ground tanks are located on a concrete slab which measures approximately 120 feet by 20 feet (2,400 square feet) which is surrounded by a six-foot secondary containment on the north side adjacent to Area A and a 10-foot wall topped with chain-link on the east side. The concrete is coated with an impermeable coating. Each of the ten tanks in Area B is eight feet in diameter and 22 feet in height. The design capacity of each tank is 8,000 gallons. All ten tanks are made of carbon steel with leak detection system. All of the tanks are elevated four inches high on the concrete slab and bolted to the foundation.

MAXIMUM CAPACITY:

- (a) The maximum storage capacity for each of the following six tanks in Area B is 8,000 gallons: Tank Nos. 33, 36, 37, 40, 41 and 42.
- (b) The maximum blending treatment capacity for each of the following four tanks in Area B is 8,000 gallons per tank per day: Tank Nos. 34, 35, 38, 39.

WASTE TYPE: hazardous and non-hazardous liquid waste, including, but not limited to, halogenated and non-halogenated, aromatic and aliphatic.

RCRA WASTE CODES:

The RCRA Waste Codes listed in Table 3 are authorized for waste storage and treatment in tanks.

CALIFORNIA WASTE CODES:

The California Waste Codes listed in Table 3 are authorized for wastes storage and treatment in tanks.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified

in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the operation plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

3. **UNIT NAME: Area E-TFE, Thin Film Evaporation System**

LOCATION: The Thin Film Evaporation (TFE) System is located in Area E, west of the main office building (see Figure 2).

ACTIVITY TYPE: storage and treatment of hazardous waste in tanks.

ACTIVITY DESCRIPTION: The operation activities in Area E-TFE include:

- (a) Waste transfer activities: Solvent wastes are transferred by pumping and piping from tanks in Area B (Tank Nos. 33, 34, 35, 36, 37, 38, 39, 40, 41, and/or 42), to the TFE System feeding tank (Tank No. 30, or No. 31) for solvent recycling processes at Area E. After the process is complete, the remaining still bottom fraction is transferred from either Tank No. 30 or No. 31 to a hazardous waste fuel-blending tank for further treatment or to a container for off-site disposal.
- (b) Waste storage activities: Tanks No. 30 and No. 31 are also used for storing wastes prior to the TFE System for treatment.
- (c) The TFE activities: Through a distributor, the solvent waste is fed to the TFE where heated steam is provided. The fed waste falls down the walls of the evaporator by gravity where it is volatilized. The volatilized solvents exit from the top of the TFE and flow to a condenser where the waste is chilled with cooling water. The condensate is then collected in an accumulator and pumped to product Tank Nos 67, 75 and 76. If the solvent product needs further purification to remove the water content, then it will be pumped to re-boiler (Tank No. 68) of the Fractionation Column System. The still bottoms from the evaporator are re-circulated back to Tank No. 30 or No. 31 for continued processing in the TFE System.
- (d) Emissions from the condenser are routed to the vapor control system by using refrigeration and carbon adsorbers.

PHYSICAL DESCRIPTION: This Area has two TFE feed tanks, a TFE unit, and a Batch Distillation system. This Area is located on an impermeable concrete slab approximately 575 square feet (25' x 23') and is surrounded by 18-inch berms on the west and north sides. The east and south sides of Area A are

shared with the main building walls. The concrete berms and walls are lined with an impermeable coating. The TFE System consists of two feed tanks (Tank Nos. 30 and 31), and a steel framed TFE equipment which includes an evaporator, a condenser, and a receiver. The Thin Film Feed Tanks (Tank Nos. 30 and 31) are constructed of carbon steel. Each tank is approximately six feet in diameter and 17 feet high with a design capacity of 4,000 gallons. All the tanks are elevated four inches high above the concrete slab and bolted to the foundation.

The TFE System is located southeast within this Area with a footprint of approximately 49 square feet (7' x 7'). The TFE System is a 3600-gallon distillation unit which consists of:

- (a) 2' diameter X 14' high steam jacket heated with 20 HP spinning assembly;
- (b) 2' diameter X 8' high overhead condenser;
- (c) 1' X 8' high water separator;
- (d) Feed diaphragm pump and; and
- (e) Two diaphragm pumps for distillate and bottoms.

The distilled solvent is also stored in one of the two product tanks (Tank No. 75 and No. 76) for further purification to remove the excess moisture.

MAXIMUM CAPACITY:

- (a) The maximum treatment capacity for the TFE System is 18,000 gallons per day.
- (b) The maximum storage capacity for Tank 30 is 4,000 gallons.
- (c) The maximum storage capacity for Tank 31 is 4,000 gallons.

WASTE SOURCE: Waste solvents come from container storage Area A and Area G, and from storage tanks (Tank Nos. 30, 31, 33, 36, 37, 40, and 41) located in Area B or Area E.

WASTE TYPE: halogenated, non-halogenated, aliphatic/aromatic and ignitable waste solvents.

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 4 are authorized for treatment and storage in the TFE System.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 4 are authorized for treatment and storage in the TFE System.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5. The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as

specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

4. UNIT NAME: Area E-BD, Batch Distillation System

LOCATION: The Batch Distillation (BD) System is located west of the TFE System and southwest of Tank No.31 in Area E (see Figure 2).

ACTIVITY TYPE: treatment of hazardous waste in tanks (distillation of waste solvents in small batch tanks)

ACTIVITY DESCRIPTION: The operation activities in Area E-BD include:

- (a) Waste transfer activities: Solvent wastes are fed directly from the container to the 35-gallon re-boiler for solvent heating. Still bottoms are removed and transferred into containers for disposal.
- (b) Waste heating activities: The solvent wastes are heated in the 35-gallon re-boiler which is equipped with a heat exchanger.
- (c) The Batch Distillation activities: The solvent vapors pass upward through the column, where a chilled water steam condenses them. The condensed solvent then flows into the receiver where it is collected prior to being pumped directly into a container.
- (d) Emissions from the condenser are routed to the vapor control system by using the refrigeration and carbon adsorbers.

PHYSICAL DESCRIPTION: The Batch Distillation System is located in Area E and is founded and bolted on an impermeable coated concrete slab with an area of approximately 28 square feet (7' x 4'). The BD System is constructed and supported by a two-inch tube steel cage frame.

The 35-gallon Batch Distillation System consists of:

- (a) A glass 35-gallon re-boiler with a heat exchanger;
- (b) A four feet tall column packed with one-inch ceramic pall rings;
- (c) A condenser; and
- (d) 35-gallon receiving tank.

MAXIMUM CAPACITY: The maximum treatment capacity for the Batch Distillation System is 600 gallons per day.

WASTE TYPE: halogenated, non-halogenated, aliphatic/aromatic waste solvents.

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 4 are authorized for treatment and storage in the BD System.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 4 are authorized for treatment and storage in the BD System.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

5. UNIT NAME: Area C- FC, Fractionation Column System

LOCATION: The Fractionation Column (FC) System is located west of the main office building, in Area C (see Figure 2).

ACTIVITY TYPE: treatment and storage of hazardous waste in tanks.

ACTIVITY DESCRIPTION: The FC System is used to increase the purity of previously distilled solvent and separate water from solvents. The operation activities in Area C-FC include:

- (a) Waste transfer/staging activities: Waste solvents and other distilled materials from Tank Nos. 67, 75 and 76 are pumped to the re-boiler (Tank No. 68) which acts as an initial staging tank for the distillation. When the distillation is completed, the still bottoms in the re-boiler (Tank 68) are pumped to a storage tank in Area B for further process or in 55-gallon drums for offsite disposal.
- (b) Waste heating activities: The re-boiler (Tank No. 68) is equipped with a heat exchanger and the steam is circulated through the heat exchanger, heating the solvents in the re-boiler.
- (c) The FC System's distillation activities: The heated solvent vapor exits the re-boiler and is fed to the fractionation column, which separates the components of the solvent vapor and condenses the vapor. The

condensed solvent vapor is collected in a receiver (Tank No. 67) and product tanks.

- (d) Emissions from the condenser are routed to the vapor control system by using the refrigeration system, located above the boiler room, and carbon absorbers.

PHYSICAL DESCRIPTION: The FC System is located in Area C measuring approximately 1,672 square feet (38' by 44'). Area C is defined by an impermeable coated concrete floor with a 20-inch containment wall. The FC System is bolted to the concrete slab that is approximately 64 square feet (8' x 8'). The re-boiler is bolted on an area of approximately 150 square feet (10' x 15').

The FC System consists of a re-boiler (Tank no. 68) and a fractionation column unit. The re-boiler (Tank No. 68) is a carbon steel pressure tank and has a design capacity of 3,600 gallons; it is equipped with a heat exchanger and a 100-psig pressure relief valve. The heat exchanger is a single pass bayonet type, constructed of stainless steel, with a footprint of approximately 149 square feet.

The FC is a 3,600-gallon-packed column, with a diameter of 24" and a height of approximately 42 feet. The column is packed with one-inch pall rings, and has a separation capacity equivalent to approximately 10 theoretical plates. The main receiver tank is a four-compartment horizontal tank (Tank No.67) with a capacity of 1000 gallon for each compartment (Total 4,000 gallon capacity).

The FC consists of:

- (a) two feet diameter and 14 feet high 3,600-gallon distillation column packed with one-inch pall rings;
- (b) two feet diameter and seven feet high overhead condenser; and
- (c) Reflux Tank and portable Reflux Pump when needed.

MAXIMUM CAPACITY: The maximum treatment capacity is 7,200 gallons per day. The maximum storage capacity is 3,600 gallons.

WASTE SOURCE: waste Solvents from Drum Yard (Area "A") and storage tanks (Tank Nos. 33, 36, 37, 40, 41, 42), and already distilled solvents from Tank Nos. 67, 75, and 76

WASTE TYPE: halogenated, non-halogenated, aliphatic/aromatic, ignitable waste solvents

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 4 (page 27) are authorized for treatment in FC system.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 4 are authorized for treatment in FC system.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

6. UNIT NAME: Area F, Container Storage

LOCATION: This Unit is located south of the main office building and south of Area E.

ACTIVITY TYPE: storage of hazardous waste in containers

ACTIVITY DESCRIPTION: This Unit is for storage of corrosive wastes, oxidizers, and batteries in 55-gallon or smaller containers or cubic-yard boxes.

PHYSICAL DESCRIPTION: Area F is an inside container storage area (warehouse) made of impermeable coated concrete floor which measures approximately 1,560 square feet (40' x 39') with an eight-inch Roll Over Berm as secondary containment between Area F and Area G and at the main entrance gate for Area F.

A small portion (approximately 14' X 36') of Area F, adjacent to the south side wall, is used to transfer virgin (product) solvents from larger containers into smaller containers. The transfer of the virgin solvents is not a hazardous waste management activity and therefore is not subject to the requirements or conditions of this permit.

MAXIMUM CAPACITY: The maximum storage capacity is 6,600 gallons (120 55-gallon containers)

WASTE TYPE: corrosives, oxidizers, batteries

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 5 are authorized for storage in containers in Area F.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 5 are authorized for storage in containers in Area F.

UNIT SPECIFIC SPECIAL CONDITIONS:

The Permittee must keep oxidizers in a separate bermed area with a buffer zone to prevent any contact with water or incompatible hazardous waste.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

7. UNIT NAME: Area G, Container Storage

LOCATION: Area G is located south of the main office building and adjacent to Area F.

ACTIVITY TYPE: storage of hazardous waste in containers.

ACTIVITY DESCRIPTION: Area G is divided into three sub-areas, G-1 through G-3, based on specific operation activities. The operation activities in Area G include:

- (a) Waste sampling in Area G-1: All incoming containers are brought into Area G-1 for sampling. The containers, except the lab-pack waste, are sampled and transferred to the respective storage and/or treatment areas based on the waste analysis plan in the Operation Plan. Lab-packs are inspected by the facility personnel to confirm the contents and labels, then transferred to Area A for repackaging. After the sampling activities, the flammable solvent wastes are either transferred to Area C or Area E for storage or treatment, or to Area A-5 for pumping into the storage tanks in

Area B.

(b) Waste storage in containers:

- 1.) The northern portion (Area G-2) of Area G is approximate 23' X 37' and is used for storage of flammable and lab-pack waste.
- 2.) The southeastern portion (Area G-3) of Area G is approximately 19' X 28' and is used for storage of non-flammable hazardous waste.

The other portion of Area G, in an area of approximately 1,593 ft², is used for storage of product and access area for forklift and drum dolly operation.

PHYSICAL DESCRIPTION: Area G is an inside warehouse L-shaped container storage area with approximately 3,552 ft² (49' x 66.5' + 19.25 x 32'). Area G is divided into three sub-areas:

- (a) Area G-1 has an area of approximately 481 ft² (13' x 37').
- (b) Area G-2 has an area of approximately 870 ft² (23.5' X 37').
- (c) Area G-3 has an area of approximately 608 ft² (19'X32').

The remaining area of approximately 1,593 ft² includes the aisle and the product storage areas. Area G is surrounded on all four sides by four-hour firewall and is equipped with fire-protection water sprinkler devices on the roof. The impermeable coated concrete floor is used for the secondary containment system. The floor is sloped to a blind sump at the southwest corner in Area G to contain spills.

MAXIMUM CAPACITY: The maximum storage capacity is 32,010 gallons (582 55-gallon containers).

WASTE TYPE: acidic, basic and toxic wastes, corrosive lab-packs, oxidizers, and ignitable wastes.

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 6 are authorized for storage in containers in Area F.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 6 are authorized for storage in containers in Area F.

UNIT SPECIFIC SPECIAL CONDITIONS:

The Permittee shall store ignitable hazardous waste only in 55-gallon or smaller containers in Area G-2, at least 50 feet from the facility property boundary. The Permittee shall not stack any container on top of another container in Area G-2.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

8. UNIT NAME: Area J, Container Storage

LOCATION: This Unit is located west of the main office building and adjacent to Area G.

ACTIVITY TYPE: storage of hazardous waste in containers

ACTIVITY DESCRIPTION: This Unit is for storage of hazardous waste in various sizes of containers (pails, drums, totes and cubic-yard boxes).

PHYSICAL DESCRIPTION: Area J is an inside warehouse container storage area. It measures approximately 2,288 square feet (44 feet x 55 feet) with an impermeable lined concrete floor. There are two roll-over berms on each side at the main office building door and another at the electrical room.

MAXIMUM CAPACITY: The maximum storage capacity is 19,580 gallons (356 55-gallon containers).

WASTE TYPE: ignitable solids, aerosol cans, lab-packs and loose pack paint and paint related material, toxic wastes, and stabilization material (RCRA solids).

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 6 are authorized for storage in containers in Area J.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 6 are authorized for storage in containers in Area J.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as

specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

9. UNIT NAME: Area H, Container Storage

LOCATION: This Unit is located northwest of Area A.

ACTIVITY TYPE: storage of hazardous waste in containers (roll-off bins).

ACTIVITY DESCRIPTION: This Unit will be used for storage of RCRA and Non-RCRA solid wastes in roll-off bins.

PHYSICAL DESCRIPTION: Area H will be an outside container storage area which will consist of an impermeable concrete floor measuring approximately 828 square feet (46 ft by 18 ft) for two roll-off bins. A two feet high secondary containment wall will be constructed on the east and west sides. There is a 10 feet high block wall with chain-link fence on the top on the north side adjoining the adjacent property.

MAXIMUM CAPACITY: The maximum storage capacity is 12,100 gallon (two 30-cubic-yard roll-off bins).

WASTE TYPE: RCRA waste and Non-RCRA waste, including debris carrying halogenated and non-halogenated waste bound for stabilization, micro-stabilization, and land fill.

RCRA WASTE CODES: The RCRA Waste Codes listed in Table 7 are authorized for storage in containers in Area H.

CALIFORNIA WASTE CODES: The California Waste Codes listed in Table 7 are authorized for storage in containers in Area H.

UNIT SPECIFIC SPECIAL CONDITIONS:

- (a) The Permittee shall obtain all necessary construction or use related permits from government agencies for this Unit and shall complete the construction in accordance with the plans and specifications as approved by DTSC within 365 days of the effective date of this Permit.
- (b) No later than 60 days prior to the beginning of the construction of the Unit,

the Permittee shall submit to DTSC a schedule detailing the dates and length of time required for construction.

- (c) No later than 60 days after the completion of the facility and at least 14 days prior to commencement of storage or treatment activities in this Unit, the Permittee shall submit to DTSC an engineer's certification stating that the Unit has been constructed in accordance with the plans and specifications as approved by DTSC.
- (d) The Permittee shall obtain approval from DTSC of any significant deviations from the plans and specifications as approved by DTSC at least 14 days prior to construction.
- (e) No later than 60 days after completion of the Unit, the Permittee shall submit to DTSC as-built drawings of the Unit.
- (f) The Permittee shall notify DTSC in writing at least 14 days prior to commencement of storage or treatment activities to allow DTSC the opportunity to inspect the Unit. If DTSC declines to inspect or fails to respond to the Permittee's written notification, the Permittee may commence with the storage or treatment activities in the Unit after the 14-day notification period.

AIR EMISSION STANDARDS:

The Permittee must comply with the air emission standards of California Code of Regulations, title 22, division 4.5, chapter 14, articles 27, 28, and 28.5.

The Permittee must comply with the standards for process vents as specified in Section M of the Operation Plan; the standards for equipment leaks as specified in Section N of the Operation Plan; and the standards for tanks and containers as specified in Section O of the Operation Plan.

The Permittee must capture and control all venting from the hazardous waste containers or tanks through a closed-vent system to a vapor recovery system pursuant to the operation permit (permit numbers, D35414, D35393, and F47286, dated May 2007) issued by South Coast Air Quality Management District.

TABLE 1 – Authorized Waste Codes for Rho-Chem Facility
RCRA WASTE CODES:

D		F	K	P			U						
D001	D023	F001	K030	P001	P040	P082	U001	U036	U073	U109	U143	U178	U215
D002	D024	F002	K048	P002	P041	P084	U002	U037	U074	U110	U144	U179	U216
D004	D025	F003	K049	P003	P042	P085	U003	U038	U075	U111	U145	U180	U217
D005	D026	F004	K050	P004	P043	P087	U004	U039	U076	U112	U146	U181	U218
D006	D027	F005	K051	P005	P044	P088	U005	U041	U077	U113	U147	U182	U219

D		F	K	P			U						
D007	D028	F006	K052	P006	P045	P089	U006	U042	U078	U114	U148	U183	U220
D008	D029	F007	K061	P007	P046	P092	U007	U043	U079	U115	U149	U184	U221
D009	D030	F008	K064	P008	P047	P093	U008	U044	U080	U116	U150	U185	U222
D010	D031	F009	K065	P009	P048	P094	U009	U045	U081	U117	U151	U186	U223
D011	D032	F010	K066	P010	P049	P095	U010	U046	U082	U118	U152	U187	U225
D012	D033	F011	K069	P011	P050	P096	U011	U047	U083	U119	U153	U188	U226
D013	D034	F012	K086	P012	P051	P097	U012	U048	U084	U120	U154	U189	U227
D014	D035	F024	K088	P013	P054	P098	U014	U049	U085	U121	U155	U190	U228
D015	D036	F032	K090	P014	P056	P099	U015	U050	U086	U122	U156	U191	U230
D016	D037	F034	K091	P015	P057	P101	U016	U051	U087	U123	U157	U192	U231
D017	D038	F035	K096	P016	P058	P102	U017	U052	U088	U124	U158	U193	U232
D018	D039	F037	K100	P017	P059	P103	U018	U053	U089	U125	U159	U194	U233
D019	D040	F038	K111	P018	P060	P104	U019	U055	U090	U126	U160	U196	U234
D020	D041	F039	K112	P020	P062	P105	U020	U056	U091	U127	U161	U197	U235
D021	D042		K113	P021	P063	P106	U021	U057	U092	U128	U162	U200	U236
D022	D043		K114	P022	P064	P107	U022	U058	U093	U129	U163	U201	U237
			K115	P023	P065	P108	U023	U059	U094	U130	U164	U202	U238
			K116	P024	P066	P109	U024	U060	U095	U131	U165	U203	U239
			K117	P026	P067	P110	U025	U061	U096	U132	U166	U204	U240
			K118	P027	P068	P111	U026	U062	U097	U133	U167	U205	U242
			K123	P028	P069	P112	U027	U063	U098	U134	U168	U206	U243
			K124	P029	P070	P113	U028	U064	U099	U135	U169	U207	U244
			K125	P030	P071	P114	U029	U066	U101	U136	U170	U208	U246
			K126	P031	P072	P115	U030	U067	U102	U137	U171	U209	U247
			K131	P033	P073	P116	U031	U068	U103	U138	U172	U210	U248
			K132	P034	P074	P118	U032	U069	U105	U139	U173	U211	U249
			K136	P036	P075	P119	U033	U070	U106	U140	U174	U212	U328
				P037	P076	P120	U034	U071	U107	U141	U176	U213	U353
				P038	P077	P121	U035	U072	U108	U142	U177	U214	U359
				P039	P078	P122							
					P081	P123							

TABLE 1 – Authorized Waste Codes for Rho-Chem Facility (Continued)
CALIFORNIA WASTE CODES

121	Alkaline Solutions With Metals	561	Detergent And Soap
122	Alkaline Solutions Without Metals	611	Contaminated Soil From Site Clean Up Operations
123	Unspecified Alkaline Solutions	612	Household Waste
132	Aqueous Solutions Containing Metals	711	Liquids With Cyanides \geq 1,000 Mg/L
133	Aqueous Solutions With Total Organic Residues Of 10% Or More	721	Liquids With Arsenic \geq 500 Mg/L
134	Aqueous Solutions With Total Organic Residues Less Than 10%	722	Liquids With Cadmium \geq 100 Mg/L
135	Unspecified Aqueous Solution	723	Liquids With Chromium Vi \geq 500 Mg/L
141	Off Specification, Aged, Or Surplus Inorganics	724	Liquids With Lead \geq 500 Mg/L
162	Other Spent Catalyst	725	Liquids With Mercury \geq 20 Mg/L
171	Metal Sludge Other Than 121	726	Liquids With Nickel \geq 134 Mg/L
172	Metal Dust And Machining Waste, Other Than 121	727	Liquids With Selenium \geq 100 Mg/L
181	Other Inorganic Wastes	728	Liquids With Thallium \geq 130 Mg/L
211	Halogenated Solvents	741	Liquids With Halogenated Organic Compounds \geq 1000 Mg/L
212	Oxygenated Solvents	751	Solids Or Sludge's With Halogenated

			Organic Compounds \geq 1000 Mg/L
213	Hydrocarbon Solvents	791	Liquids With Ph \leq 2
214	Unspecified Solvent Mixtures	792	Liquids With Ph \leq 2 With Metals
221	Waste Oil/Mixed Oil		
222	Oil Water Separator Sludge		
223	Unspecified Oil – Containing Mixture		
241	Tank Bottom Waste		
251	Still Bottoms With Halogenated Solvents		
252	Other Still Bottom Waste		
271	Organic Monomer Waste		
272	Polymeric Resin Wastes		
281	Adhesives		
291	Latex Waste		
311	Pharmaceutical Waste		
331	Off-Specification, Aged, Or Surplus Organics		
341	Organic Liquids (Non-Solvent) With Organics		
342	Organic Liquids With Metals		
343	Unspecified Organic Liquid Mixture		
351	Organic Solids With Halogens		
352	Other Organic Solids		
451	Degreasing Sludge		
461	Paint Sludge		
491	Unspecified Sludge Waste		
512	Other Empty Containers 30 Gallons Or More		
541	Photochemicals/Photoprocessing Waste		
551	Laboratory Waste Chemicals		

**TABLE 2– Authorized Waste Codes for Area A, Drum Yard
RCRA WASTE CODES:**

D		F	K	P						U	
D004	D025	F001	K033	P001	P024	P049	P075	P106	P190	U001	U162
D005	D026	F002	K038	P002	P026	P050	P077	P107	P191	U002	U169
D006	D027	F004	K073	P003	P027	P051	P078	P108	P192	U003	U171
D007	D028	F006	K086	P004	P028	P054	P082	P109	P194	U008	U186
D008	D029	F024	K097	P005	P029	P056	P084	P110	P196	U012	U194
D009	D030	F032	K098	P007	P030	P057	P085	P111	P197	U019	U213
D010	D031	F034	K100	P008	P033	P058	P087	P113	P198	U031	U220
D011	D032	F035	K106	P010	P034	P059	P088	P114	P199	U045	U239
D012	D033	F037	K111	P011	P036	P060	P089	P115	P201	U055	
D013	D034	F038	K112	P012	P037	P062	P092	P116	P202	U056	
D014	D037	F039	K113	P013	P038	P064	P093	P118	P203	U057	
D015	D038		K117	P014	P039	P066	P094	P119	P204	U074	
D016	D039		K123	P015	P040	P067	P097	P120	P205	U125	
D017	D040		K124	P016	P041	P068	P098	P121		U140	
D019	D041		K131	P017	P043	P069	P099	P123		U152	
D020	D042		K151	P018	P044	P070	P101	P127		U153	
D021	D043		K156	P020	P045	P071	P102	P128		U154	
D022			K157	P021	P046	P072	P103	P185		U156	
D023			K174	P022	P047	P073	P104	P188		U159	
D024			K175	P023	P048	P074	P105	P189		U161	

CALIFORNIA WASTE CODES

121	Alkaline Solutions With Metals	311	Pharmaceutical Waste
122	Alkaline Solutions Without Metals	331	Off-Specification, Aged, Or Surplus Organics
123	Unspecified Alkaline Solutions	341	Organic Liquids (Non-Solvent) With Organics
132	Aqueous Solutions Containing Metals	342	Organic Liquids With Metals
133	Aqueous Solutions With Total Organic Residues Of 10% Or More	343	Unspecified Organic Liquid Mixture
134	Aqueous Solutions With Total Organic Residues Less Than 10%	351	Organic Solids With Halogens
135	Unspecified Aqueous Solution	352	Other Organic Solids
141	Off Specification, Aged, Or Surplus Inorganics	451	Degreasing Sludge
162	Other Spent Catalyst	461	Paint Sludge
171	Metal Sludge Other Than 121	491	Unspecified Sludge Waste
172	Metal Dust And Machining Waste, Other Than 121	512	Other Empty Containers 30 Gallons Or More
181	Other Inorganic Wastes	541	Photochemicals/Photoprocessing Waste
211	Halogenated Solvents	551	Laboratory Waste Chemicals
212	Oxygenated Solvents	561	Detergent And Soap
213	Hydrocarbon Solvents	611	Contaminated Soil From Site Clean Up Operations
214	Unspecified Solvent Mixtures	721	Liquids With Arsenic \geq 500 Mg/L
221	Waste Oil/Mixed Oil	722	Liquids With Cadmium \geq 100 Mg/L
222	Oil Water Separator Sludge	723	Liquids With Chromium Vi \geq 500 Mg/L
223	Unspecified Oil – Containing Mixture	724	Liquids With Lead \geq 500 Mg/L
241	Tank Bottom Waste	725	Liquids With Mercury \geq 20 Mg/L
251	Still Bottoms With Halogenated Solvents	726	Liquids With Nickel \geq 134 Mg/L
252	Other Still Bottom Waste	727	Liquids With Selenium \geq 100 Mg/L
271	Organic Monomer Waste	728	Liquids With Thallium \geq 130 Mg/L
272	Polymeric Resin Wastes	741	Liquids With Halogenated Organic Compounds \geq 1000 Mg/L
281	Adhesives	751	Solids Or Sludge's With Halogenated Organic Compounds \geq 1000 Mg/L
291	Latex Waste	791	Liquids With Ph \leq 2
		792	Liquids With Ph \leq 2 With Metals

TABLE 3– Authorized Waste Codes for Area B, Tank Farm

RCRA WASTE CODES				CALIFORNIA WASTE CODES	
D001	F001	K086	U002	121	272
D004	F002	K116	U009	122	281
D005	F003	K117	U012	123	291
D006	F004	K157	U019	132	331
D007	F005		U029	133	341
D008	F034		U031	134	342
D009	F035		U045	135	343
D010	F037		U078	141	561
D011	F038		U079	162	721
D018	F039		U080	181	722
D035			U112	211	723
D036			U117	212	724
D039			U154	213	725
D040			U161	214	726
			U208	221	727
			U209	222	728
			U220	223	741

			U226	271	791
			U239		792

TABLE 4– Authorized Waste Codes for Areas C-FC, E-TFE & E-BD

RCRA WASTE CODES			CALIFORNIA WASTE CODES
D001	F001	U002	22
D002	F002	U029	24
D035	F003	U045	25
D039	F005	U078	211
D040		U079	212
		U080	741
		U140	
		U154	
		U161	
		U208	
		U209	
		U226	

TABLE 5– Authorized Waste Codes for Area F

RCRA WASTE CODES					CALIFORNIA WASTE CODES
D001	P010	P114	U113	U372	122
D002	P011	P115	U114	U373	162
D004	P012	P119	U118	U387	181
D005	P021	P120	U123	U389	352
D006	P029	P121	U134	U409	551
D007	P040	P188	U136		
D008	P043	P189	U143		
D009	P044	P190	U144		
D010	P062	P191	U145		
D011	P071	P192	U162		
K062	P087	U008	U178		
K107	P088	U035	U204		
K124	P089	U038	U214		
K131	P098	U062	U032		
K062	P099	U089	U217		
K107	P104	U090	U238		
K111	P105	U102	U240		
	P109	U103	U271		
	P111	U112	U280		

TABLE 6– Authorized Waste Codes for Flammable Liquids, Lab-packs for Areas G, J

RCRA WASTE CODES					CALIFORNIA WASTE CODES
D001	P020	P062	P108	U002	
D002	P021	P064	P109	U003	
D004	P022	P066	P110	U008	181
D005	P023	P067	P111	U012	211
D006	P024	P068	P113	U019	214
D007	P026	P069	P114	U031	331
D008	P027	P070	P115	U045	341
D009	P028	P071	P116	U055	342
D010	P029	P072	P117	U056	352
D018	P030	P073	P118	U057	541

D035	P033	P074	P119	U074	551
D036	P034	P075	P120	U085	721
F001	P036	P077	P121	U092	722
F002	P037	P078	P123	U110	723
F003	P038	P082	P127	U112	724
F004	P039	P084	P128	U113	725
F005	P040	P085	P185	U115	726
P001	P041	P087	P188	U117	727
P002	P043	P088	P189	U124	728
P003	P044	P089	P190	U125	741
P004	P045	P092	P191	U140	791
P005	P046	P093	P192	U152	792
P007	P047	P094	P194	U153	
P008	P048	P097	P196	U154	
P010	P049	P098	P197	U156	
P011	P050	P099	P198	U159	
P012	P051	P101	P199	U161	
P013	P054	P102	P201	U162	
P014	P056	P103	P202	U169	
P015	P057	P104	P203	U171	
P016	P058	P105	P204	U186	
P017	P059	P106	P205	U194	
P018	P060	P107	U001	U213	
				U220	
				U239	

TABLE 7– Authorized Waste Codes for Area H

RCRA WASTE CODES					CALIFORNIA WASTE CODES
D001	F012	K002	K151	U145	141
D004	F024	K003	K158	U151	162
D005	F037	K004	K161		181
D006	F038	K005	K174		223
D007		K006			271
D008		K007			272
D009		K008			281
D010		K061			291
D011		K064			311
		K065			351
		K066			352
		K069			451
		K088			512
		K090			521
		K091			541
		K102			551
		K118			561
		K125			611
		K126			751

PART V. SPECIAL CONDITIONS

1. The Permittee shall store containers holding hazardous waste on pallets and shall not store more than four 55-gallon containers on each pallet. The Permittee shall not stack containers more than two containers high.

2. The Permittee shall maintain a minimum of 30 inches for the aisle space between rows of pallets. The labeling for each container shall be readable from each side of pallet.
3. The Permittee shall, within 90 days of the effective date of this Permit, provide DTSC with a certification stating that its former hazardous waste management units, underground tanks No. 33 through No. 44, located in the northeastern part of the Facility, were closed in accordance with DTSC-approved closure plan. These tanks were included in the original Part A Application in November 1980 but were removed on March 3, 1982. The certification shall conform to California Code of Regulations, title 22, section 66270.11(d) and shall be signed by the Permittee and an independent qualified professional engineer registered in California.
4. The Permittee shall not operate any transfer facility (as defined in Health and Safety Code section 25123.3(a)(3)) activities at the Facility. The Permittee's transfer facility activities shall be limited to its property located at 8722 Aviation Boulevard and shall be conducted in accordance with California Code of Regulations, title 22, section 66263.18.
5. The Permittee may operate loading and unloading activities at the following three locations within the secondary containments at the Facility:
 - (a) The area in front of Area F and Area E (approximately 20' X 90'): The ignitable or flammable solvent wastes must be managed at least 50 feet from the facility boundary;
 - (b) Area C (approximately 20'X 62'); and
 - (c) North of Area A (approximately 10' X 120').

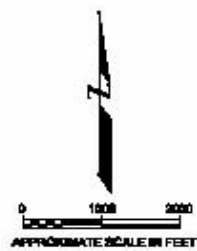
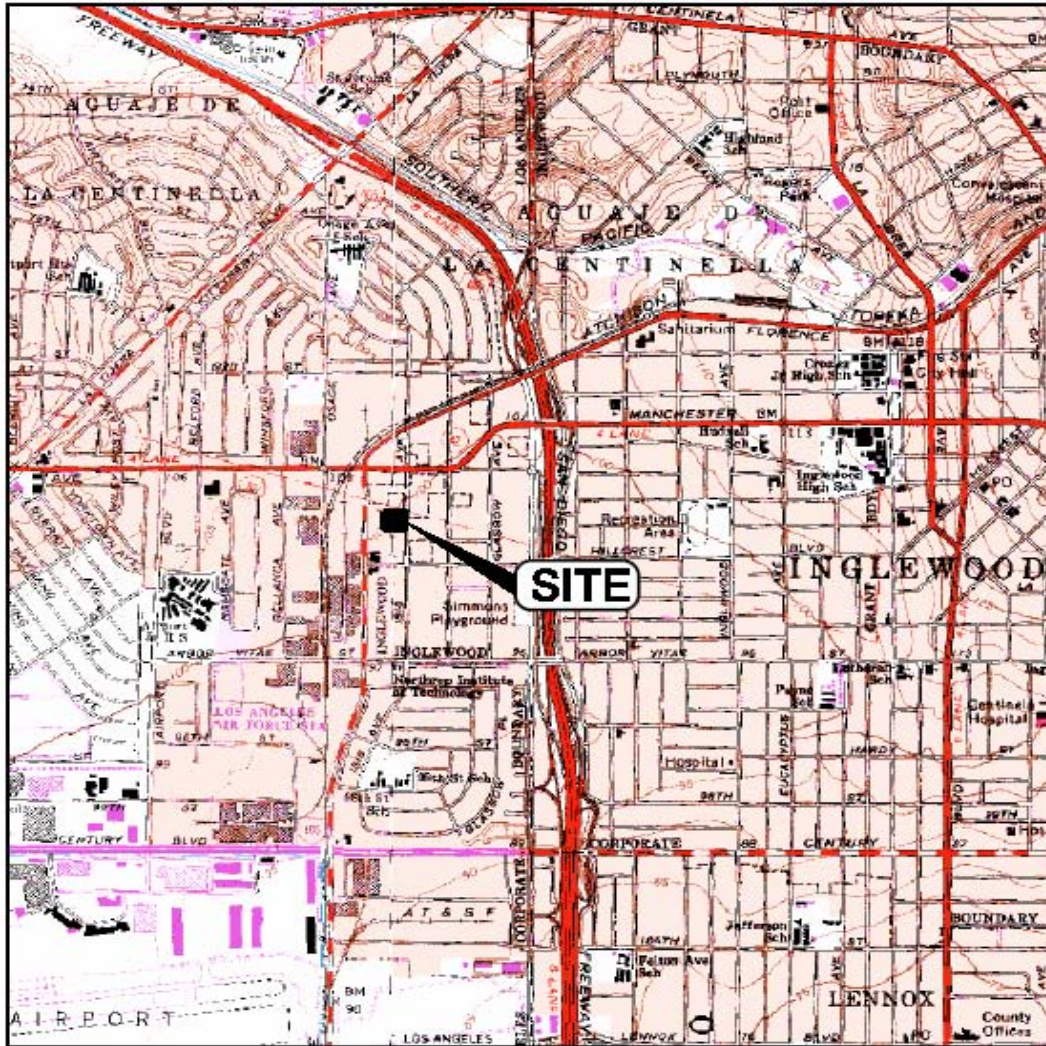
The Permittee shall complete the loading and unloading activities within 24 hours from the time the transport vehicle arrives at the Facility. The volume of hazardous waste handled in any of these three areas shall be included in the calculation of the permitted maximum capacity for the secondary containment and for the permitted storage or treatment Unit.
6. The Permittee shall not be a designated Treatment, Storage, or Disposal Facility on the manifests for any exempt transfer activities conducted pursuant to California Code of Regulations, title 22, section 66263.18.
7. The Permittee shall not store hazardous waste in excess of one year from the date the hazardous waste arrives at the Facility.
8. For the purpose of compliance with the permitted maximum capacity limitations, all containers in the permitted Units are assumed to be full.

9. The Permittee shall not use any underground ancillary equipment, such as underground piping systems, to collect, convey or otherwise manage hazardous waste, unless the Permittee installs DTSC-approved secondary containment and leak detection systems in accordance with California Code of Regulations, title 22, section 66264.193.

PART VI. CORRECTIVE ACTION

1. The Permittee shall conduct corrective action at the Facility pursuant to Health and Safety Code sections 25187 and 25200.10. Corrective action shall be carried out under the Corrective Action Consent Agreement, Docket No. HWCA: P3-01/02-005, entered into between the Permittee and DTSC, effective November 25, 2002.
2. To the extent that work being performed pursuant to Part VI of the Permit must be done on property not owned or controlled by the Permittee, the Permittee shall use its best efforts to obtain access agreements necessary to complete work required by this Part of the Permit from the present owner(s) of such property within 30 days of approval of any workplan for which access is required. "Best efforts" as used in this paragraph shall include, at a minimum, a certified letter from the Permittee to the present owner(s) of such property requesting access agreement(s) to allow the Permittee and DTSC and its authorized representatives access to such property and the payment of reasonable sums of money in consideration of granting access. The Permittee shall provide DTSC with a copy of any access agreement(s). In the event that agreements for the access are not obtained within 30 days of approval of any workplan for which access is required, or of the date that the need for access becomes known to the Permittee, the Permittee shall notify DTSC in writing within 14 days thereafter regarding both efforts undertaken to obtain access and its failure to obtain such agreements. In the event DTSC obtains access, the Permittee shall undertake approved work on such property. If there is any conflict between this permit condition on access and the access requirements in any agreement entered into between DTSC and the Permittee, this permit condition on access shall govern.
3. Nothing in Part VI of the Permit shall be construed to limit or otherwise affect the Permittee's liability and obligation to perform corrective action including corrective action beyond the facility boundary, notwithstanding the lack of access. DTSC may determine that additional on-site measures must be taken to address releases beyond the Facility boundary if access to off-site areas cannot be obtained.

FIGURE 1: SITE LOCATION MAP



BASemap MODIFIED FROM U.S.G.S. 7.5 MINUTE QUADRANGLE MAPS
INGLEWOOD, 1994, AND VENICE, 1994, CALIFORNIA.
PHOTO REVERED 1991.

SITE LOCATION MAP

**Rho-Chem Facility
Inglewood, California**

By: pah	Date: 1/25/08	Project No: 8704
 Geomatrix		Figure 1

KEY PLAN

MASTROV BLVD. (NORTH)

WEST ENTERPRISES WAREHOUSE

REGULATOR BY DISC

REGULATOR BY DISC

FLORIS PROPERTY

AVIATION BLVD. (EAST)

LEGEND

HAZARDOUS WASTE UNITS

HAZARDOUS WASTE STORAGE

TANK LIST

UNITS	DATE	TYPE	STATUS	APPROVED BY	DATE	UNITS	DATE	TYPE	STATUS	APPROVED BY	DATE
1	1/1/80	1000	1000	1000	1000	1	1/1/80	1000	1000	1000	1000
2	1/1/80	1000	1000	1000	1000	2	1/1/80	1000	1000	1000	1000
3	1/1/80	1000	1000	1000	1000	3	1/1/80	1000	1000	1000	1000
4	1/1/80	1000	1000	1000	1000	4	1/1/80	1000	1000	1000	1000
5	1/1/80	1000	1000	1000	1000	5	1/1/80	1000	1000	1000	1000
6	1/1/80	1000	1000	1000	1000	6	1/1/80	1000	1000	1000	1000
7	1/1/80	1000	1000	1000	1000	7	1/1/80	1000	1000	1000	1000
8	1/1/80	1000	1000	1000	1000	8	1/1/80	1000	1000	1000	1000
9	1/1/80	1000	1000	1000	1000	9	1/1/80	1000	1000	1000	1000
10	1/1/80	1000	1000	1000	1000	10	1/1/80	1000	1000	1000	1000
11	1/1/80	1000	1000	1000	1000	11	1/1/80	1000	1000	1000	1000
12	1/1/80	1000	1000	1000	1000	12	1/1/80	1000	1000	1000	1000
13	1/1/80	1000	1000	1000	1000	13	1/1/80	1000	1000	1000	1000
14	1/1/80	1000	1000	1000	1000	14	1/1/80	1000	1000	1000	1000
15	1/1/80	1000	1000	1000	1000	15	1/1/80	1000	1000	1000	1000
16	1/1/80	1000	1000	1000	1000	16	1/1/80	1000	1000	1000	1000
17	1/1/80	1000	1000	1000	1000	17	1/1/80	1000	1000	1000	1000
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21	1/1/80	1000	1000	1000	1000	21	1/1/80	1000	1000	1000	1000
22	1/1/80	1000	1000	1000	1000	22	1/1/80	1000	1000	1000	1000
23	1/1/80	1000	1000	1000	1000	23	1/1/80	1000	1000	1000	1000
24	1/1/80	1000	1000	1000	1000	24	1/1/80	1000	1000	1000	1000
25	1/1/80	1000	1000	1000	1000	25	1/1/80	1000	1000	1000	1000
26	1/1/80	1000	1000	1000	1000	26	1/1/80	1000	1000	1000	1000
27	1/1/80	1000	1000	1000	1000	27	1/1/80	1000	1000	1000	1000
28	1/1/80	1000	1000	1000	1000	28	1/1/80	1000	1000	1000	1000
29	1/1/80	1000	1000	1000	1000	29	1/1/80	1000	1000	1000	1000
30	1/1/80	1000	1000	1000	1000	30	1/1/80	1000	1000		